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ABSTRACT

This preliminary report, consisting of 14 statistical tables and a summary of their contents, was prepared from the states' reports on vocational education programs. The tables, which include data on enrollments and expenditures, indicate the national norm and each state's relationship to this norm. For certain items, data for previous years are given for comparison. This summary should prove useful to persons interested in the contributions being made by vocational education and particularly those individuals concerned with evaluation of the vocational education program. A final report will follow. (Author/JS)

ED 048494

STATE
VOCATIONAL EDUCATION STATISTICS
Fiscal Year 1969
Preliminary Report

VT012815

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OE- 80071

S T A T E
V O C A T I O N A L E D U C A T I O N S T A T I S T I C S,
F i s c a l Y e a r 1969.

Preliminary Report

Prepared by

Harold F. Duis

Planning and Evaluation Branch
Division of Vocational and Technical Education

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& WELFARE
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FOREWORD

The data presented in this publication are based on information from fiscal year 1969 reports submitted by the States on programs of vocational education conducted under each State's plan for vocational education.

This preliminary report consisting of 14 statistical tables and a summary of their contents has been prepared by Harold F. Duis of the Division of Vocational and Technical Education, Planning and Evaluation Branch, and includes information relating to enrollments, expenditures, program completions, and job placements. The tables indicate the national norm and each State's relationship to this norm. For certain items, data for previous years are given for comparison. A final annual report of vocational education for fiscal year 1969 will follow.

The summary of the statistical material should prove useful to persons interested in the contributions being made by vocational education and particularly those individuals concerned with evaluation of the vocational education program.

Arthur Lee Hardwick
Associate Commissioner for Adult,
Vocational, and Technical Education

July 1970

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SUMMARY OF STATE VOCATIONAL EDUCATION STATISTICS, FISCAL YEAR 1969

The following State tables have been prepared from State reports submitted for fiscal year 1969. They show wide variations among States, especially relating to vocational education output. A study of the tables will reveal those States with great deviations from other States and from the average and should suggest areas where improvements may be made. For the sake of brevity, the word "State" in this booklet refers to each of the 50 States, the District of Columbia, Guam, Puerto Rico, and the Virgin Islands.

The following is a list of the tables and the pertinent information contained in each:

Table I - States Ranked on Selected Items, FY 1969

States ranked in about the same order in Federal funds, total expenditures, teachers, enrollment, and persons completing secondary and postsecondary programs. Exceptions are noticeable in several States in the number of teachers and of persons completing programs, and in a few States there are exceptions in total expenditures and enrollment compared with Federal funds. Six of the 10 States ranking highest in the amount of Federal funds were also in the top 10 States in the other categories.

Table II - Percentage Changes in Vocational Education Enrollment From Previous Fiscal Year, FY 1965 - 1969

Total enrollment increased each year nationally but most States fluctuated in this respect, with some decreases each year. In FY 1969, 45 States increased and 9 decreased in total enrollment, with a range from -36.3 percent to +68.0 percent. Thirty States exceeded the national increase of 5.9 percent.

Percentage changes in vocational education enrollments are important primarily to the degree that the reasons for these changes are known. It should also be borne in mind that (1) a reduced rate of increase may signify the same number of additional enrollees as reached the previous year, and (2) in order to overcome a minus change, the rate of increase must be larger than the minus rate of the previous year.

Table III - Percentage Enrollment Change, by Level, FY 1969 vs. FY 1968

In FY 1969 total enrollment increased 5.9 percent over FY 1968, with increases of 6.2 percent, 19.1 percent, and 2.1 percent for the

secondary, postsecondary, and adult levels, respectively. Since considerable emphasis is being given to the expansion of postsecondary vocational education, it is interesting to note that 42 States showed increases ranging from 2.7 percent to 347.4 percent. In 15 States a greater percentage of increase took place in secondary than in postsecondary enrollments.

Table IV - Percentage Distribution of Enrollment in Vocational Education Programs, by Level, FY 1969

In 44 States the largest enrollment is at the secondary level and in 10 States the adult enrollment is the largest. By level, 35 States exceed the national percentage of 51.1 in secondary, 16 States exceed the postsecondary percentage of 8.9, and 26 States exceed the adult percentage of 38.2.

Table V - Percentage Distribution of Enrollment in Vocational Education, by Program, FY 1969

In 34 States home economics had the largest enrollment of any program; in 11 States office education had the largest; in eight States, trades and industry; and in one State, agriculture. Twenty-five States exceeded the national percentage for the occupational area in agriculture, 14 in distribution, 19 in health, 34 in home economics, 21 in office, 23 in technical, and 24 in trades and industry.

Table VI - Secondary Vocational Education Enrollment Compared with Total Enrollment in Grades 9 - 12, FY 1969

The total vocational education enrollment in secondary programs constituted 30.9 percent of the total secondary enrollment. The States varied widely, with a range of 5.1 percent to 56.0 percent. Twenty-four States had a percentage enrollment higher than the national average. Considering only enrollment in programs for gainful occupations (excluding home economics for homemaking), the overall percentage of total secondary enrollment decreased to 18.6 percent. The States ranged from 5.1 percent to 40.8 percent with 18 States exceeding the national average.

Table VII - Percentage Distribution of Total Expenditures for Vocational Education, by Source of Funds, FY 1969

Total State and local funds made up 81.4 percent of total expenditures, and Federal funds the remaining 18.6 percent. What some States report as local funds are reported by other States as State funds, and vice versa. Even allowing for such differences in reporting, it is nevertheless evident that there is considerable variation from State to State in the proportion of State and local support for

vocational education. The percentage of total expenditures from State and local sources ranged from 93.7 percent to 54.7 percent, with 17 States above the average of 81.4 percent. Twenty-two States received more support from State sources than from local sources, including five States where State funds provide all matching funds. In 22 States the major support of vocational education came from local sources.

Table VIII - State and Local Expenditures for Vocational Education Per Dollar of Federal Funds, FY 1965 - 1969

In this compilation of matching ratios for a period of five years, an overall trend of increased overmatching of Federal funds is indicated. In FY 1969 the ratio of State and local dollars to Federal dollars was $4.37, ranging from a low of $1.21 to a high of $12.75, with 17 States above the national average. In 12 States, State and local expenditures per Federal dollar were less in FY 1969 than in FY 1965.

Table IX - Secondary Vocational Education Enrollments, Completions, and Placements, FY 1969

The total secondary program showed a completion rate of 20.8 percent, with States ranging from a low of 8.8 percent to a high of 40.7 percent, and with 29 States below the national average. Of the total number completing programs, 36.1 percent were placed in the field for which trained or in a related field. An additional 10.3 percent were employed full-time in a field not related. The States ranged from a low of 5.2 percent being placed to a high of 68.1 percent, with 27 States below the national average.

Table X - Status of Persons Completing Secondary Vocational Education Programs, FY 1969

The number of persons completing secondary programs and continuing in full-time school ranged from 9.2 percent to 53.8 percent, with 29 States exceeding the national average of 24.6 percent. The States ranged in the number of persons completing programs who were available for placement from a low of 13.1 percent to a high of 78.4 percent, with 25 States above the average of 49.3 percent. Of the total number of persons completing programs who were available for placement, 73.2 percent were placed in the field for which trained or in a related field, and 6.0 percent remained unemployed as of October 15, 1969. The States ranged in rate of placement from 27.6 percent to 92.5 percent, with a national average of 73.2 percent. The unemployment rate ranged from 0.4 percent to 12.1 percent, with a national average of 6.0 percent.

Table XI - Expenditures for Secondary Vocational Education Instruction Per Enrollee, Completion, and Placement, FY 1969

All States combined expended for instruction $136 per secondary enrollee, $656 per person completing a program, and $1,818 per person placed in the field trained or a related field. Expenditures per enrollment ranged from a low of $29 to a high of $372 among the States ($873 including the outlying areas), with eight States expending less than $100 and nine States expending over $200. Expenditures per completion ranged from a low of $102 to a high of $3,419 among the States ($7,037 including the outlying areas), with 24 States expending less than the national average. Expenditures per placement ranged from a low of $581 to a high of $6,977 among the States ($14,488 including the outlying areas), with 19 States expending less than the national average. It should be noted that expenditures do not consider man-hours of instruction.

Table XII - Postsecondary Vocational Education Enrollments, Completions, and Placements, FY 1969

Total postsecondary program enrollment showed a completion rate of 27.8 percent. The States ranged from a low of 5.4 percent to a high of 93.8 percent, with 18 States below the national average. Of the total number completing programs, 57.7 percent were placed in the field trained or a related field. Placements by State ranged from a low of 20.5 percent to a high of 90.7 percent, with 13 States below the national average.

Table XIII - Status of Persons Completing Postsecondary Vocational Education Programs, FY 1969

The number of persons completing postsecondary programs and continuing full-time schooling showed a range of 1.1 percent to 27.7 percent, with 22 States above the national average of 8.0 percent. Of the number of program completions available for placement, the States ranged from a low of 33.3 percent to a high of 94.4 percent, with 32 States exceeding the national average of 64.9 percent. The national percentage of persons who were available for employment and were placed in the field for which trained or a related field was 89.0 percent, with the States ranging from 60.5 percent to 98.6 percent. As of October 15, 1969, the overall unemployment rate of persons available for placement was 2.9 percent and ranged from 0 to 12.5 percent.

Table XIV - Expenditures for Postsecondary Vocational Education Instruction per Enrollee, Completion, and Placement, FY 1969

All States expended for instruction $354 per postsecondary enrollment, $1,253 per person completing a vocational program, and $2,128

per person placed in the field trained or a related field. Expenditures per enrollment ranged from a low of $84 to a high of $1,309, with 14 States below the national average. Expenditures per completion ranged from a low of $384 to a high of $4,162, with 18 States below the national average. Expenditures per placement ranged from a low of $514 to a high of $8,636, with 18 States expending less than the national average.

STATE VOCATIONAL EDUCATION STATISTICS,

FISCAL YEAR 1969

Table I. STATES RANKED ON SELECTED ITEMS, FY 1969

State	Federal Funds	Total Expenditures	Total Teachers	Total Enrollment	Total Secondary and Postsecondary Completions
Alabama	16	19	21	19	19
Alaska	52	51	52	51	46
Arizona	36	36	37	34	36
Arkansas	29	34	30	28	34
California	1	3	2	1	1
Colorado	34	35	27	31	25
Connecticut	32	20	23	27	27
Delaware	49	44	43	41	41
Florida	9	8	8	4	12
Georgia	10	15	13	10	7
Hawaii	45	48	42	40	39
Idaho	42	42	39	42	40
Illinois	6	11	10	12	5
Indiana	14	21	20	25	24
Iowa	25	17	25	30	30
Kansas	30	31	32	33	37
Kentucky	18	23	24	22	23
Louisiana	19	27	19	15	13
Maine	38	39	38	38	38
Maryland	26	22	33	23	17
Massachusetts	20	10	3	24	15
Michigan	7	9	9	7	4
Minnesota	22	16	15	14	9
Mississippi	24	30	28	26	31
Missouri	15	13	18	20	16
Montana	44	45	46	46	42
Nebraska	35	37	36	37	35
Nevada	51	49	45	44	45
New Hampshire	46	38	49	48	49
New Jersey	13	12	16	11	22
New Mexico	37	40	41	39	33
New York	2	1	1	2	2
North Carolina	8	6	6	6	8
North Dakota	41	41	40	43	44
Ohio	5	5	7	9	11
Oklahoma	27	26	31	29	26
Oregon	33	29	29	35	29
Pennsylvania	4	2	4	5	3
Rhode Island	43	46	50	50	51
South Carolina	23	24	17	17	28
South Dakota	40	47	44	45	43
Tennessee	12	25	22	18	28
Texas	3	4	5	3	6
Utah	39	33	34	32	21
Vermont	48	43	47	49	48
Virginia	11	14	11	13	10
Washington	28	18	14	8	14
West Virginia	31	32	35	36	32
Wisconsin	17	7	12	16	18
Wyoming	50	52	48	47	47
Dist. of Columbia	47	50	51	52	50
Guam	53	53	53	53	53
Puerto Rico	21	28	26	21	54
Virgin Islands	54	54	54	54	52

Table II. PERCENTAGE CHANGES IN VOCATIONAL EDUCATION ENROLLMENT FROM PREVIOUS FISCAL YEAR, FY 1965-1969

State	1969	1968	1967	1966	1965
Total	5.9	6.9	16.1	11.8	18.9
Alabama	5.5	-3.9	6.5	15.9	-17.6
Alaska	27.3	25.4	-5.3	110.7	14.7
Arizona	20.9	12.2	12.5	18.7	17.5
Arkansas	-2.9	6.8	-1.3	-5.3	4.7
California	-8.9	8.8	27.3	65.6	-9.6
Colorado	7.4	4.5	6.7	21.2	10.5
Connecticut	15.7	-3.9	67.0	60.9	1.8
Delaware	12.7	45.2	31.0	43.2	-16.1
Florida	16.7	16.4	11.0	-1.5	48.2
Georgia	4.9	10.5	29.3	-0.6	15.3
Hawaii	68.0	2.9	4.2	-5.7	-4.2
Idaho	2.4	9.8	7.0	11.6	18.2
Illinois	15.8	11.2	17.8	2.0	19.4
Indiana	12.3	15.9	4.1	-0.8	5.3
Iowa	0.8	8.6	3.5	1.5	16.1
Kansas	22.9	-2.2	10.7	8.6	7.5
Kentucky	7.4	17.6	1.6	15.3	-1.1
Louisiana	8.3	27.0	10.7	6.1	12.9
Maine	36.2	9.2	26.7	-53.6	148.5
Maryland	-25.6	-1.6	21.2	11.5	217.4
Massachusetts	-16.1	1.6	-5.3	98.8	0.4
Michigan	7.2	7.5	-0.6	34.9	22.7
Minnesota	1.8	26.1	8.0	-28.1	64.9
Mississippi	3.0	-3.5	11.9	-5.8	2.3
Missouri	18.2	8.9	8.1	15.1	14.1
Montana	5.4	18.7	1.8	15.8	5.5
Nebraska	6.7	7.7	-13.0	41.0	12.6
Nevada	21.7	-3.0	20.1	27.4	16.9
New Hampshire	29.2	1.3	24.9	18.9	-7.2
New Jersey	47.4	1.5	1/ 116.4	22.7	76.0
New Mexico	11.9	18.8	8.3	4.9	40.7
New York	3.6	10.7	24.4	7.6	38.9
North Carolina	13.6	2.3	15.8	17.0	6.6
North Dakota	8.5	-0.9	-3.4	13.3	-6.8
Ohio	10.1	7.7	17.1	-0.6	23.3
Oklahoma	3.3	-1.4	13.0	2.7	3.6
Oregon	-1.4	2.9	17.0	11.8	32.3
Pennsylvania	1/ 14.2	1/ 11.0	37.2	5.2	71.3
Rhode Island	1/ -36.3	1/ 92.0	14.8	-4.0	-29.0
South Carolina	4.7	2.7	1.6	0.3	11.6
South Dakota	9.6	6.0	4.4	-3.6	5.0
Tennessee	6.9	3.4	1/ 5.3	10.4	5.6
Texas	3.2	6.6	1/ -7.0	8.0	5.7
Utah	4.3	8.5	26.2	-1.5	84.3
Vermont	7.7	14.6	-35.8	-48.7	7.8
Virginia	1.5	16.4	19.7	-16.8	64.9
Washington	42.1	-0.6	27.0	13.7	17.8
West Virginia	0.4	1.7	2.5	32.8	9.4
Wisconsin	-2.1	11.6	1/ -15.5	2.2	13.7
Wyoming	26.3	16.1	17.7	22.6	-17.0
Dist. of Columbia	-23.9	7.3	2.3	-7.4	26.3
Guam	8.6	-65.3	230.7	-15.4	23.9
Puerto Rico	5.5	10.9	17.3	-3.3	21.0
Virgin Islands	-10.5	-9.2	-30.1	-80.0	—

1/ Change due to reporting procedures.

Table III. PERCENTAGE ENROLLMENT CHANGE, BY LEVEL, FY 1969 vs. FY 1968

State	Total	Secondary	Postsecondary	Adult
Total	5.9	6.2	19.1	2.1
Alabama	5.5	3.1	26.1	2.7
Alaska	27.3	37.6	2.7	-34.5
Arizona	20.9	7.3	36.2	41.5
Arkansas	-2.9	-0.8	-0.8	29.3
California	-8.9	8.5	-23.4	-14.4
Colorado	7.4	13.6	69.2	-7.6
Connecticut	15.7	13.5	5.5	18.5
Delaware	12.7	8.3	73.0	22.9
Florida	16.7	10.2	21.8	17.2
Georgia	4.9	5.2	6.3	2.8
Hawaii	68.0	123.4	-9.9	15.3
Idaho	3.4	5.8	-2.6	-9.0
Illinois	15.8	8.3	80.7	5.3
Indiana	12.3	16.1	25.1	-1.1
Iowa	0.8	6.5	25.9	-6.5
Kansas	22.9	7.7	28.8	33.3
Kentucky	7.4	12.9	28.7	-3.7
Louisiana	8.3	14.7	6.4	-8.6
Maine	36.2	37.1	74.9	21.4
Maryland	-25.6	-37.1	-16.0	4.7
Massachusetts	-16.1	1.4	26.0	-44.6
Michigan	7.2	6.2	-9.4	12.4
Minnesota	1.8	9.9	30.8	-7.3
Mississippi	3.0	-0.4	24.2	4.0
Missouri	18.2	20.6	34.7	11.6
Montana	5.4	8.1	151.5	-30.3
Nebraska	6.7	15.0	7.0	-4.8
Nevada	21.7	31.0	-1.4	8.5
New Hampshire	29.2	34.3	16.0	19.5
New Jersey	47.4	12.8	14.9	157.9
New Mexico	11.9	2.7	21.3	43.1
New York	3.6	4.8	10.6	-1.7
North Carolina	13.6	2.7	23.4	25.8
North Dakota	8.5	8.7	13.8	5.6
Ohio	10.1	11.9	139.7	5.3
Oklahoma	3.3	2.8	-9.8	5.6
Oregon	-1.4	-28.6	24.6	22.3
Pennsylvania	14.2	17.4	166.5	8.1
Rhode Island	-36.3	-53.1	27.8	13.0
South Carolina	4.7	1.9	-8.5	8.5
South Dakota	9.6	5.7	100.4	8.9
Tennessee	6.9	4.6	44.7	4.5
Texas	3.2	2.4	39.5	0.1
Utah	4.3	-14.5	15.1	44.6
Vermont	7.7	7.7	50.8	-0.3
Virginia	1.5	5.4	-9.5	-4.4
Washington	42.1	14.1	347.4	4.9
West Virginia	0.4	-8.1	46.3	14.3
Wisconsin	-2.1	30.5	15.3	-14.8
Wyoming	26.3	19.5	109.5	33.2
Dist. of Columbia	-23.9	-23.5	-5.1	-20.8
Guam	8.6	21.0	15.3	10.1
Puerto Rico	5.5	3.2	-15.9	12.0
Virgin Islands	-10.5	-4.8	-	-46.9

Table IV. PERCENTAGE DISTRIBUTION OF ENROLLMENT IN VOCATIONAL EDUCATION PROGRAMS, BY LEVEL, FY 1969

State	Total Enrollment All Programs	Secondary	Post-secondary	Adult	Special Needs Students in Separate Classes	Special Needs Students in Regular Program 1/
Total	7,979,366	51.1	8.9	38.2	1.8	(1.8)
Alabama	133,990	60.4	10.7	28.1	0.8	(2.0)
Alaska	9,741	90.5	3.1	6.4	---	(77.6)
Arizona	68,825	49.3	10.2	38.8	1.7	---
Arkansas	94,902	52.8	6.2	39.2	1.8	(3.6)
California	944,102	36.8	15.8	47.2	0.2	(2.3)
Colorado	87,571	35.0	14.4	47.9	2.7	---
Connecticut	100,757	50.5	5.5	43.0	1.0	(1.1)
Delaware	28,355	57.5	0.7	41.8	---	(4.9)
Florida	411,041	37.1	20.4	39.7	2.8	---
Georgia	288,877	51.1	5.1	42.6	1.2	(0.1)
Hawaii	29,760	70.3	9.3	20.1	0.3	---
Idaho	26,189	74.9	7.0	17.8	0.3	(1.8)
Illinois	232,789	59.9	10.3	23.1	6.7	(0.6)
Indiana	106,428	68.0	3.7	26.5	1.8	(0.5)
Iowa	88,099	43.4	7.5	49.0	0.1	(4.7)
Kansas	70,438	38.0	5.6	55.6	0.8	(4.8)
Kentucky	119,875	59.0	5.3	34.3	1.4	(5.9)
Louisiana	167,626	69.9	9.7	19.8	0.6	(1.2)
Maine	32,094	79.7	4.9	15.1	0.3	(1.7)
Maryland	118,923	60.4	5.3	32.1	2.2	---
Massachusetts	115,574	67.5	6.0	26.4	0.1	---
Michigan	303,978	53.6	7.4	38.7	0.3	(2.5)
Minnesota	171,032	43.6	7.6	48.1	0.7	(3.2)
Mississippi	105,601	52.6	5.4	39.8	2.2	(0.6)
Missouri	131,208	66.1	6.4	26.9	0.6	(0.4)
Montana	18,336	71.3	11.4	16.7	0.6	---
Nebraska	50,349	55.6	5.5	37.2	1.7	(5.9)
Nevada	21,163	49.8	5.2	40.7	4.3	(2.0)
New Hampshire	13,882	61.5	9.6	27.6	1.3	(0.9)
New Jersey	262,183	55.2	0.7	43.3	0.8	(0.3)
New Mexico	29,778	60.5	16.8	22.7	---	(5.6)
New York	707,887	66.2	5.9	22.7	5.2	---
North Carolina	315,259	53.2	5.2	39.7	1.9	(0.1)
North Dakota	22,215	64.1	13.8	21.6	0.5	(4.2)
Ohio	289,159	38.7	2.9	56.1	213	(2.3)
Oklahoma	90,573	65.0	2.8	32.1	0.1	(14.6)
Oregon	59,471	35.4	13.7	49.7	1.2	---
Pennsylvania	342,780	49.9	2.5	46.7	0.9	(0.1)
Rhode Island	11,282	55.4	4.9	39.1	0.6	(1.2)
South Carolina	138,672	48.8	3.2	47.0	1.0	(5.3)
South Dakota	20,262	59.7	5.3	34.5	0.5	(5.2)
Tennessee	137,813	65.5	8.5	25.8	0.2	(1.0)
Texas	497,609	47.7	6.8	44.0	1.5	---
Utah	71,835	49.4	8.2	36.3	6.1	---
Vermont	12,062	68.2	4.5	25.9	1.4	(0.1)
Virginia	222,642	56.4	3.1	38.2	2.3	(2.1)
Washington	293,807	36.9	30.3	32.8	---	(8.0)
West Virginia	51,627	61.5	3.9	33.8	0.8	(0.3)
Wisconsin	164,056	30.7	10.5	58.2	0.6	(2.3)
Wyoming	13,983	72.0	6.6	20.2	1.2	(3.2)
Dist. of Columbia	7,828	43.5	12.7	42.2	1.6	(25.1)
Guam	1,546	18.2	5.4	76.2	0.2	---
Puerto Rico	122,380	62.1	3.0	26.0	8.9	(0.1)
Virgin Islands	1,152	98.5	---	1.5	---	---

1/ Included in Secondary, Postsecondary, and Adult columns. (Persons with special needs include the physically, emotionally, or mentally handicapped and the socioeconomically disadvantaged.)

Table V. PERCENTAGE DISTRIBUTION OF ENROLLMENT IN VOCATIONAL EDUCATION, BY PROGRAM, FY 1969

State	All Agri-culture	Off-Farm Agri-culture 1/	Distri-bution	Health	All Home Economics	Gainful Home Economics 2/	Office	Technical	Trades & Industry	Other
Total	10.6	(2.6)	7.1	2.2	30.7	(1.4)	23.0	3.9	21.6	0.9
Alabama	32.2	(17.7)	3.8	1.9	30.6	(2.1)	8.9	1.8	20.8	---
Alaska	0.5	(0.05)	10.1	0.8	17.1	(2.0)	54.7	2.8	14.0	---
Arizona	4.9	(3.2)	17.7	2.6	34.6	(1.5)	15.7	8.1	16.4	---
Arkansas	28.8	(0.2)	4.5	1.8	40.1	(1.5)	6.2	0.6	18.0	---
California	3.5	(1.6)	10.5	2.7	17.4	(0.9)	38.2	5.0	25.4	3.3
Colorado	3.8	(0.3)	11.3	2.2	34.3	(2.1)	21.4	4.9	21.7	0.4
Connecticut	1.5	(0.8)	2.8	1.5	26.3	(0.4)	32.9	10.8	24.2	---
Delaware	3.5	(0.7)	3.6	0.8	20.1	(0.6)	28.1	1.3	42.6	0.0
Florida	5.3	(2.7)	11.4	1.8	38.8	(1.2)	21.1	4.6	15.3	1.7
Georgia	13.6	(2.1)	5.4	1.3	23.0	(2.9)	32.0	4.4	20.2	0.1
Hawaii	6.0	---	2.2	0.7	52.7	(0.2)	25.4	2.2	10.8	---
Idaho	18.1	(0.8)	3.4	1.9	41.0	(0.3)	18.5	1.9	15.2	---
Illinois	10.2	(3.1)	5.1	3.2	30.8	(2.0)	24.0	3.7	23.0	---
Indiana	16.8	(0.9)	3.6	1.1	43.4	(0.7)	10.2	4.0	20.9	---
Iowa	30.0	(7.9)	4.1	2.7	34.5	(1.4)	5.6	1.6	21.5	---
Kansas	11.9	(1.4)	9.9	1.6	25.1	(1.6)	7.9	4.0	39.6	---
Kentucky	15.0	(1.6)	8.0	2.0	38.5	(0.8)	10.0	0.8	25.4	0.3
Louisiana	11.0	(1.2)	5.5	1.8	26.9	(0.7)	39.5	2.3	13.0	---
Maine	1.8	(0.2)	1.7	0.5	23.9	(3.2)	52.3	0.6	19.2	---
Maryland	3.0	(0.9)	2.6	1.6	27.0	(2.8)	46.6	3.5	16.7	---
Massachusetts	0.9	(0.6)	1.8	1.8	20.8	(0.5)	52.0	2.0	20.7	---
Michigan	4.5	(2.0)	12.5	2.1	29.9	(2.1)	19.2	2.9	28.9	---
Minnesota	14.6	(4.4)	6.6	0.9	35.2	(1.1)	15.8	3.9	23.0	---
Mississippi	31.3	(4.4)	5.8	1.6	34.3	(1.9)	6.3	4.4	16.8	---
Missouri	12.4	(4.9)	8.6	2.6	45.0	(1.2)	12.3	3.3	15.8	0.0
Montana	19.9	(3.3)	4.4	1.3	35.9	(1.1)	9.7	7.8	21.0	---
Nebraska	14.6	(1.6)	5.3	3.4	38.1	(0.9)	13.7	2.5	21.9	0.5
Nevada	3.4	(2.0)	6.1	2.2	31.9	(1.6)	23.9	14.3	18.2	---
New Hampshire	5.4	(3.6)	0.5	3.8	49.9	(1.0)	10.3	3.1	27.0	---
New Jersey	0.8	(0.3)	2.1	1.2	45.1	(0.8)	35.8	3.2	11.8	---
New Mexico	9.8	(0.1)	7.0	2.8	32.1	(0.3)	27.8	4.6	15.9	---
New York	2.1	(0.9)	6.6	2.3	29.5	(2.1)	37.2	4.8	16.1	1.4
North Carolina	18.3	(12.5)	4.7	3.0	26.4	(2.9)	6.6	2.0	32.9	6.1
North Dakota	18.7	(7.6)	2.4	2.0	47.7	(1.7)	14.2	4.2	10.8	---
Ohio	9.4	(0.9)	6.7	3.0	42.1	(1.0)	10.5	1.2	27.1	---
Oklahoma	26.5	(10.7)	3.3	2.0	38.1	(2.0)	5.2	6.2	18.7	---
Oregon	13.2	(7.2)	7.4	3.8	11.1	(0.6)	28.1	6.5	29.9	---
Pennsylvania	3.9	(1.6)	4.4	2.2	16.9	(1.1)	31.2	4.9	36.3	0.2
Rhode Island	6.7	(5.8)	3.3	4.4	46.7	(0.5)	3.1	6.0	29.8	---
South Carolina	25.8	(1.5)	3.4	1.0	36.2	(0.8)	6.5	13.8	13.3	---
South Dakota	24.5	---	3.8	1.3	41.8	(4.5)	11.7	2.2	14.7	---
Tennessee	16.5	(5.7)	5.9	2.9	38.8	(0.9)	8.6	2.8	24.5	---
Texas	28.9	(0.4)	7.4	1.9	39.5	(0.9)	6.2	1.7	14.4	---
Utah	7.8	(3.0)	9.1	1.3	28.0	(1.6)	29.7	1.6	22.5	---
Vermont	8.3	(2.6)	4.5	1.5	37.4	(2.1)	11.6	5.7	31.0	---
Virginia	11.0	(2.0)	16.4	1.3	22.5	(0.7)	28.1	2.0	18.7	---
Washington	5.5	(2.1)	5.4	4.2	28.7	(1.0)	24.8	6.9	24.5	---
West Virginia	10.0	(0.5)	1.4	1.2	33.3	(1.7)	22.9	5.0	26.2	---
Wisconsin	14.3	(1.1)	5.0	3.0	22.8	(0.8)	21.9	4.6	28.4	---
Wyoming	15.6	(0.1)	4.3	0.3	46.3	(2.1)	19.1	0.9	13.5	---
Dist. of Columbia	0.5	(0.5)	8.6	11.9	34.3	(2.4)	10.2	0.2	34.3	---
Guam	0.4	---	---	---	---	---	23.7	---	75.9	---
Puerto Rico	5.9	(0.2)	6.8	1.3	51.3	(2.0)	16.9	1.0	16.7	0.1
Virgin Islands	3.7	(3.7)	2.4	2.4	45.7	---	17.7	3.8	24.3	---

1/ Percent of total enrollment, but included in "All Agriculture" total.

2/ Percent of total enrollment, but included in "All Home Economics" total.

Table VI. SECONDARY VOCATIONAL EDUCATION ENROLLMENT COMPARED WITH TOTAL ENROLLMENT IN GRADES 9-12, FY 1969

	Secondary Enrollment Grades 9-12 1/	Secondary Voc. Educ. Enrollment	Percentage Secondary in Voc. Educ.	Enrollment in Secondary Voc. Educ. 2/	Percentage of Secondary in Voc. Educ. 2/
Total	13,162,692	4,079,395	30.9	2,449,587	18.6
Alabama	237,300	80,917	34.0	45,597	19.2
Alaska	18,007	8,812	48.9	7,341	40.8
Arizona	118,679	33,916	28.5	13,287	11.2
Arkansas	134,018	50,091	37.3	21,138	15.8
California	1,355,000	347,411	25.6	247,017	18.2
Colorado	153,141	30,645	20.0	15,990	10.4
Connecticut	167,275	50,869	30.4	43,886	26.2
Delaware	36,346	16,302	44.8	10,863	29.9
Florida	396,489	152,745	38.5	50,574	12.8
Georgia	299,544	147,629	49.2	98,707	33.0
Hawaii	49,728	20,909	42.0	7,550	15.2
Idaho	57,170	19,611	34.3	9,626	16.8
Illinois	656,247	139,494	21.2	72,583	11.1
Indiana	347,938	72,320	20.7	29,988	8.6
Iowa	195,544	38,219	19.5	15,719	8.0
Kansas	154,532	26,747	17.3	14,842	9.6
Kentucky	198,830	70,767	35.5	33,929	17.1
Louisiana	228,638	117,073	51.2	74,400	32.5
Maine	65,421	25,585	39.1	18,955	29.0
Maryland	242,195	71,874	29.6	61,350	25.3
Massachusetts	319,181	78,023	24.4	73,640	23.1
Michigan	571,762	162,888	28.4	95,175	16.6
Minnesota	285,248	74,506	26.1	38,493	13.5
Mississippi	156,889	55,498	35.3	22,325	14.2
Missouri	285,907	86,737	30.3	38,151	13.3
Montana	53,763	13,079	24.3	8,012	14.9
Nebraska	97,150	28,013	28.8	14,718	15.1
Nevada	32,723	10,541	32.2	5,371	16.4
New Hampshire	42,981	8,532	19.8	2,720	6.3
New Jersey	409,595	144,598	35.3	116,022	28.3
New Mexico	80,931	18,004	22.2	9,247	11.4
New York	987,882	468,482	47.4	323,220	32.7
North Carolina	349,005	167,765	48.0	101,253	29.0
North Dakota	46,797	14,244	30.4	6,387	13.6
Ohio	708,810	111,827	15.7	59,593	8.4
Oklahoma	179,813	58,829	32.7	33,092	18.4
Oregon	153,509	21,038	13.7	20,512	13.4
Pennsylvania	711,700	171,014	24.0	138,571	19.5
Rhode Island	50,397	6,252	12.4	2,771	5.5
South Carolina	176,726	67,625	38.2	39,007	22.1
South Dakota	50,720	12,091	23.8	4,903	9.7
Tennessee	248,487	90,204	36.3	42,508	17.1
Texas	771,500	237,222	30.7	99,060	12.8
Utah	89,000	35,489	39.8	25,457	28.6
Vermont	27,373	8,222	30.0	4,727	17.3
Virginia	292,967	125,519	42.8	85,481	29.2
Washington	242,402	108,349	44.6	53,888	22.2
West Virginia	119,222	31,726	26.6	20,602	17.3
Wisconsin	308,818	50,280	16.2	36,087	11.7
Wyoming	25,910	10,061	38.6	4,413	17.0
Dist. of Columbia	32,500	3,409	10.4	2,441	7.5
Guam	5,485	282	5.1	282	5.1
Puerto Rico	135,497	75,975	56.0	27,505	20.3
Virgin Islands	NA	1,135	NA	609	NA

1/ SOURCE: U.S. Department of Health, Education, and Welfare, Office of Education, "Statistics of Public Schools. Fall 1969": Table 6, Total 9-12, including postgraduate and secondary ungraded.

2/ Excludes home economics education for homemaking.

Table VII. PERCENTAGE DISTRIBUTION OF TOTAL EXPENDITURES FOR VOCATIONAL EDUCATION, BY SOURCE OF FUNDS, FY 1969

State	Grand Total (in 000's)	Percent Federal	Percent State	Percent Local
Total	$1,368,756	18.6	34.1	47.3
Alabama	24,906	23.7	32.5	43.8
Alaska	2,596	20.5	8.9	70.6
Arizona	8,611	25.3	25.5	49.2
Arkansas	10,157	33.5	30.4	36.1
California	80,849	22.2	1.0	76.8
Colorado	9,892	25.4	12.1	62.5
Connecticut	23,296	11.7	65.4	22.9
Delaware	4,040	15.4	74.3	10.3
Florida	44,653	16.4	67.2	16.4
Georgia	28,964	24.8	37.9	37.3
Hawaii	3,137	32.8	67.2	---
Idaho	4,255	29.2	39.0	31.8
Illinois	39,424	27.0	22.0	51.0
Indiana	23,757	26.8	5.8	67.4
Iowa	27,431	15.4	42.7	41.9
Kansas	11,727	26.8	18.1	55.1
Kentucky	22,311	25.1	66.3	8.6
Louisiana	16,138	34.1	5.1	60.8
Maine	6,179	24.9	39.0	36.1
Maryland	23,686	17.3	34.3	48.4
Massachusetts	42,379	12.9	1.2	85.9
Michigan	44,562	21.5	4.7	73.8
Minnesota	28,444	17.9	37.0	45.1
Mississippi	13,458	32.7	29.8	37.5
Missouri	29,913	20.3	18.2	61.5
Montana	3,961	28.3	16.3	55.4
Nebraska	6,471	34.0	12.9	53.1
Nevada	2,800	21.3	21.4	57.3
New Hampshire	6,332	15.4	58.7	25.9
New Jersey	32,345	19.9	41.7	38.4
New Mexico	4,857	32.7	5.5	61.8
New York	234,022	7.3	46.8	45.9
North Carolina	50,113	17.9	57.7	24.4
North Dakota	4,631	28.4	39.2	32.4
Ohio	54,632	22.7	38.3	39.0
Oklahoma	17,047	22.3	15.5	62.2
Oregon	15,784	16.3	23.9	59.8
Pennsylvania	101,647	13.8	31.7	54.5
Rhode Island	3,942	28.5	44.0	27.5
South Carolina	20,695	22.7	54.7	22.6
South Dakota	3,421	38.4	11.3	50.3
Tennessee	20,313	32.2	31.1	36.7
Texas	63,480	24.1	58.1	17.8
Utah	10,193	14.5	24.9	60.6
Vermont	4,098	18.0	50.0	32.0
Virginia	29,657	23.2	28.0	48.8
Washington	24,981	14.9	20.8	64.3
West Virginia 1/	11,225	27.2	8.9	63.9
Wisconsin	45,400	12.4	16.1	71.5
Wyoming	2,321	26.7	6.9	66.4
Dist. of Columbia	2,731	28.2	71.8	---
Guam 2/	546	45.3	54.7	---
Puerto Rico	15,860	32.1	67.9	---
Virgin Islands	489	16.0	84.0	---

1/ Expenditures estimated.
2/ Unvalidated data.

NOTE: Because of rounding, detail does not add to total.

Table VIII. STATE AND LOCAL EXPENDITURES FOR VOCATIONAL EDUCATION PER DOLLAR OF FEDERAL FUNDS, FY 1965-1969

State	1969	1968	1967	1966	1965
Total	$ 4.37	$ 3.65	$2.93	$2.65	$2.90
Alabama	3.22	3.20	3.21	3.35	3.36
Alaska	3.87	1.84	1.40	1.25	1.82
Arizona	2.94	2.31	2.24	2.35	2.26
Arkansas	1.98	1.83	1.73	2.00	2.74
California	3.50	3.35	3.02	2.98	3.80
Colorado	2.93	2.52	2.12	1.87	2.18
Connecticut	7.54	6.15	4.38	3.20	3.57
Delaware	5.49	5.32	3.73	3.27	5.25
Florida	5.09	3.69	3.64	3.92	3.85
Georgia	3.04	2.63	2.02	2.12	2.72
Hawaii	2.05	2.00	1.67	1.97	2.20
Idaho	2.43	1.87	1.75	1.66	1.72
Illinois	2.70	2.35	2.69	1.74	1.91
Indiana	2.73	2.11	1.98	1.92	2.17
Iowa	5.49	5.19	2.69	1.52	1.80
Kansas	2.73	2.47	1.82	1.85	1.94
Kentucky	2.98	2.24	2.38	1.72	1.99
Louisiana	1.93	1.94	1.82	1.99	3.54
Maine	3.01	2.43	1.80	1.52	2.00
Maryland	4.80	4.59	3.23	3.41	3.06
Massachusetts	6.74	4.51	5.00	4.83	3.82
Michigan	3.65	2.83	2.30	2.72	2.06
Minnesota	4.59	3.76	3.02	2.74	3.99
Mississippi	2.06	1.92	1.62	1.80	2.09
Missouri	3.92	2.88	2.38	2.43	2.21
Montana	2.53	2.14	1.57	1.51	2.85
Nebraska	1.94	1.46	1.35	1.39	1.73
Nevada	3.70	3.68	6.81	7.81	3.19
New Hampshire	5.49	2.52	1.48	3.86	2.77
New Jersey	4.02	3.44	2.61	2.53	2.12
New Mexico	2.05	2.08	1.55	1.81	2.12
New York	12.75	10.05	6.34	4.21	5.23
North Carolina	4.59	3.94	3.03	2.74	3.00
North Dakota	2.53	2.42	3.20	1.88	1.95
Ohio	3.41	2.99	2.33	2.10	2.04
Oklahoma	3.49	2.92	2.85	2.81	3.07
Oregon	5.15	2.85	3.22	2.73	2.14
Pennsylvania	6.24	5.60	3.81	2.48	2.59
Rhode Island	2.50	2.11	1.92	2.84	1.85
South Carolina	3.40	3.39	2.63	2.10	2.26
South Dakota	1.61	1.37	1.46	1.71	1.72
Tennessee	2.10	1.83	1.78	1.94	2.24
Texas	3.15	2.68	2.69	3.17	3.60
Utah	5.91	4.49	3.35	3.71	4.18
Vermont	4.55	5.29	2.64	2.35	2.35
Virginia	3.31	3.30	2.45	2.51	2.87
Washington	5.71	5.27	3.99	3.32	2.97
West Virginia	2.68	2.68	2.01	1.91	1.90
Wisconsin	7.09	4.08	3.17	2.98	3.12
Wyoming	2.74	2.69	1.98	2.11	3.72
Dist. of Columbia	2.55	2.05	1.58	1.34	1.50
Guam	1.21	1.17	1.14	1.27	1.04
Puerto Rico	2.11	1.96	1.80	1.69	2.05
Virgin Islands	5.23	3.02	2.40	2.84	2.19

Table IX. SECONDARY VOCATIONAL EDUCATION ENROLLMENTS, COMPLETIONS, AND PLACEMENTS, FY 1969

State	Enrollment	Completions	Percent Completions	Number Placed in Field Trained/ Related	Percent Placed 1/
Total	4,079,395	833,382	20.8 2/	300,615	36.1 2/
Alabama	80,917	11,274	13.9	4,771	42.3
Alaska	8,812	2,419	27.5	1,299	53.7
Arizona	33,916	5,289	15.6	1,303	24.6
Arkansas	50,091	4,535	9.1	1,682	37.1
California	347,411	109,451	31.5	28,719	26.2
Colorado	30,645	8,023	26.2	2,409	30.0
Connecticut	50,869	10,609	20.9	4,680	44.1
Delaware	16,302	3,655	22.4	1,955	53.5
Florida	152,745	13,986	9.2	6,027	43.1
Georgia	147,629	34,775	23.6	4,459	12.8
Hawaii	20,909	3,407	16.3	1,058	31.1
Idaho	19,611	3,154	16.1	785	24.9
Illinois	139,494	38,800	27.8	11,993	30.9
Indiana	72,320	10,837	15.0	6,104	56.3
Iowa	38,219	5,845	15.3	1,463	25.0
Kansas	26,747	4,342	16.2	1,131	26.0
Kentucky	70,767	11,325	16.0	4,105	36.2
Louisiana	117,073	22,739	19.4	6,338	27.9
Maine	25,585	4,975	19.4	2,534	50.9
Maryland	71,874	17,100	23.8	9,028	52.8
Massachusetts	78,023	18,715	24.0	11,049	59.0
Michigan	162,888	46,260	28.4	10,407	22.5
Minnesota	74,506	21,493	28.8	6,933	32.3
Mississippi	55,498	6,814	12.3	1,962	28.8
Missouri	86,737	18,079	20.8	6,493	35.9
Montana	13,079	3,108	23.8	754	24.3
Nebraska	28,013	5,645	20.2	1,648	29.2
Nevada	10,541	2,255	21.4	755	33.5
New Hampshire	8,532	1,159	13.6	494	42.6
New Jersey	144,598	12,716	8.8	9,234	72.6
New Mexico	18,004	3,805	21.1	1,559	41.0
New York	468,482	98,334	21.0	42,520	43.2
North Carolina	167,765	29,167	17.4	13,426	46.0
North Dakota	14,244	1,637	11.5	411	25.1
Ohio	111,827	26,997	24.1	14,911	55.2
Oklahoma	58,829	11,435	19.4	2,951	25.8
Oregon	21,038	8,567	40.7	2,630	30.7
Pennsylvania	171,014	53,433	31.2	26,156	49.0
Rhode Island	6,252	748	12.0	266	35.6
South Carolina	67,625	11,682	17.3	4,053	34.7
South Dakota	12,091	2,497	20.7	821	32.9
Tennessee	90,204	11,486	12.7	5,016	43.7
Texas	237,222	33,409	14.1	12,978	38.8
Utah	35,489	12,489	35.2	652	5.2
Vermont	8,222	1,845	22.4	807	43.7
Virginia	125,519	25,818	20.6	9,033	35.0
Washington	108,349	15,863	14.6	2,808	17.7
West Virginia	31,726	7,951	25.1	2,894	36.4
Wisconsin	50,280	10,451	20.8	4,203	40.2
Wyoming	10,061	2,175	21.6	446	20.5
Dist. of Columbia	3,409	614	18.0	376	61.2
Guam	282	35	12.4	17	48.6
Puerto Rico	75,975				
Virgin Islands	1,135	160	14.1	109	68.1

1/ Percentage of number of completions placed in field for which trained or related field, Oct. 15, 1969.
2/ Does not include Puerto Rico.

Table X. STATUS 1/ OF PERSONS COMPLETING SECONDARY VOCATIONAL EDUCATION PROGRAMS, FY 1969

State	Of the Total Number Completing Program Requirements		Of the Number Available for Placement	
	Percent Continuing in Full-Time School	Percent Available for Placement	Percent Placed in Field Trained/Related 2/	Percent Unemployed
Total	24.6	49.3	73.2	6.0
Alabama	29.1	56.1	75.3	6.2
Alaska	17.7	59.9	89.6	4.6
Arizona	18.5	40.8	60.2	8.8
Arkansas	37.0	46.5	79.6	4.7
California	24.7	38.2	68.5	8.7
Colorado	39.2	43.0	69.7	9.2
Connecticut	30.9	55.5	79.3	3.2
Delaware	17.4	61.9	86.3	2.1
Florida	24.4	54.8	78.6	4.7
Georgia	9.2	16.4	77.7	2.8
Hawaii	53.8	34.0	91.2	0.4
Idaho	48.0	32.0	77.6	3.9
Illinois	19.5	38.1	81.0	3.2
Indiana	16.0	69.0	81.5	2.8
Iowa	22.5	39.6	63.0	4.8
Kansas	39.7	39.4	65.9	7.4
Kentucky	29.0	55.2	65.6	9.5
Louisiana	36.4	38.1	73.1	9.8
Maine	21.2	68.1	74.7	10.3
Maryland	15.9	66.3	79.5	4.8
Massachusetts	19.1	64.5	91.3	0.7
Michigan	16.0	31.1	72.2	4.8
Minnesota	33.8	44.1	73.0	3.1
Mississippi	47.1	36.6	78.5	2.9
Missouri	29.7	51.3	69.8	6.3
Montana	23.7	31.6	76.5	4.2
Nebraska	38.1	37.3	78.2	2,0
Nevada	37.2	55.3	60.4	10.9
New Hampshire	22.3	50.4	84.4	2.5
New Jersey	9.5	78.4	92.5	10.1
New Mexico	32.5	55.2	74.0	2.8
New York	23.9	65.8	65.6	8.0
North Carolina	20.1	66.7	68.9	2.7
North Dakota	51.8	31.5	79.4	5.2
Ohio	13.0	69.0	61.6	3.4
Oklahoma	46.9	36.2	71.1	5.5
Oregon	34.3	41.4	74.0	5.4
Pennsylvania	16.3	64.9	75.3	8.1
Rhode Island	26.4	47.8	74.3	1.9
South Carolina	25.6	52.0	66.7	7.7
South Dakota	42.6	40.8	80.4	3.3
Tennessee	23.8	57.6	75.7	5.2
Texas	32.3	50.8	76.3	3.6
Utah	42.3	35.1	27.6	12.1
Vermont	13.2	22.4	72.1	4.4
Virginia	26.6	20.5	71.8	8.3
Washington	37.7	28.9	61.1	9.3
West Virginia	25.9	54.4	66.8	11.8
Wisconsin	25.3	54.8	73.3	4.0
Wyoming	35.3	35.6	57.4	10.3
Dist. of Columbia	18.2	72.3	84.6	6.5
Guam	--	--	--	--
Puerto Rico	--	--	--	--
Virgin Islands	25.0	13.1	90.8	--

1/ As of Oct. 15, 1969.
2/ Not included are persons employed full time in other occupations and those employed part time.

Table XI. EXPENDITURES FOR SECONDARY VOCATIONAL EDUCATION INSTRUCTION PER ENROLLEE, COMPLETION, AND PLACEMENT, FY 1969

State	Expenditures For Instruction 1/	Expenditures Per Enrollee	Expenditures Per Person Completing Program	Expenditures Per Person Placed 2/
Total	$534,629,917	$136	$ 656	$ 1,818
Alabama	11,256,699	139	998	2,359
Alaska	1,428,331	162	590	1,099
Arizona	3,763,509	111	712	2,888
Arkansas	5,064,189	100	1,117	3,011
California	23,677,662	68	216	824
Colorado	3,289,082	107	410	1,365
Connecticut	9,678,311	190	912	2,069
Delaware	2,734,906	168	748	1,398
Florida	16,590,571	109	1,186	2,753
Georgia	10,908,365	74	314	2,446
Hawaii	614,537	29	180	581
Idaho	1,856,292	95	588	2,365
Illinois	21,701,261	156	559	1,809
Indiana	10,574,206	146	976	1,732
Iowa	5,437,860	142	930	3,717
Kansas	4,643,028	174	1,069	4,105
Kentucky	10,756,568	152	950	2,620
Louisiana	7,774,507	66	3,419	1,226
Maine	3,096,532	121	622	1,222
Maryland	13,129,687	183	768	1,454
Massachusetts	23,309,152	299	1,245	2,110
Michigan	17,488,083	107	378	1,680
Minnesota	7,902,453	106	368	1,140
Mississippi	4,634,548	84	680	2,362
Missouri	10,934,379	126	605	1,684
Montana	1,607,975	123	517	2,132
Nebraska	3,108,652	111	551	1,886
Nevada	1,386,808	132	615	1,837
New Hampshire	976,059	114	842	1,976
New Jersey	15,869,582	110	1,248	1,719
New Mexico	2,141,389	119	563	1,373
New York	100,250,598	214	102	2,358
North Carolina	22,043,704	131	756	1,642
North Dakota	1,564,720	110	956	3,807
Ohio	26,142,073	234	968	1,753
Oklahoma	10,110,218	172	884	3,427
Oregon	6,291,506	299	734	2,392
Pennsylvania	25,931,996	152	485	991
Rhode Island	1,283,269	205	1,716	4,824
South Carolina	8,424,703	305	721	2,078
South Dakota	1,616,927	134	647	1,969
Tennessee	9,404,579	104	819	1,875
Texas	34,900,324	147	1,345	2,689
Utah	4,548,943	128	364	6,977
Vermont	1,475,666	179	799	1,828
Virginia	15,516,766	124	601	1,718
Washington	10,197,432	94	642	3,631
West Virginia 3/	3,278,421	103	412	1,133
Wisconsin	3,089,912	61	296	736
Wyoming	1,260,981	125	580	2,827
Dist. of Columbia	1,269,203	372	2,068	3,375
Guam	246,301	873	7,037	14,488
Puerto Rico	8,078,626	106	0	0
Virgin Islands	367,866	324	2,299	3,374

1/ Instructional expenditures do not include equipment, construction, or ancillary services.
2/ Persons placed in field for which trained or in a related field.
3/ Expenditures estimated.

Table XII. POSTSECONDARY VOCATIONAL EDUCATION ENROLLMENTS, COMPLETIONS, AND PLACEMENTS, FY 1969

State	Enrollment	Completions	Percent Completions	Number Placed in Field Trained/ Related	Percent Placed 1/
Total	706,085	194,151 2/	27.8 2/	96,967 3/	57.7 3/
Alabama	14,399	3,630	25.2	2,715	74.8
Alaska	303	193	63.7	152	78.8
Arizona	7,051	1,237	17.5	315	25.5
Arkansas	5,853	2,500	42.7	1,533	61.3
California	149,448	48,442	32.4	28,498	58.8
Colorado	12,597	4,423	35.1	2,562	57.9
Connecticut	5,503	1,543	28.0	961	62.3
Delaware	192	180	93.8	144	80.0
Florida	83,717	13,075	15.6	7,279	55.7
Georgia	14,591	5,227	35.8	1,069	20.5
Hawaii	2,764	1,001	36.2	630	62.9
Idaho	1,831	880	48.1	640	72.7
Illinois	24,081	5,316	22.1	1,705	32.1
Indiana	3,924	1,727	44.0	1,258	72.8
Iowa	6,592	4,268	64.7	1,922	45.0
Kansas	3,929	2,007	51.1	974	48.5
Kentucky	6,329	1,703	26.9	1,133	66.5
Louisiana	16,282	2,513	15.4	2,057	81.9
Maine	1,569	807	51.4	532	65.9
Maryland	6,252	1,016	16.3	558	54.9
Massachusetts	6,873	1,670	24.3	787	47.1
Michigan	22,582	6,323	28.0	1,948	30.8
Minnesota	12,932	6,785	52.5	4,760	70.2
Mississippi	5,701	2,019	35.4	1,340	66.4
Missouri	8,335	1,820	21.8	1,355	74.5
Montana	2,080	447	21.5	208	46.5
Nebraska	2,787	964	34.6	764	79.3
Nevada	1,088	443	40.7	402	90.7
New Hampshire	1,332	523	39.3	345	66.0
New Jersey	1,927	733	38.0	502	68.5
New Mexico	4,995	3,657	73.2	2,731	74.7
New York	42,097	26,222	62.3	---	---
North Carolina	16,490	4,241	25.7	3,029	71.4
North Dakota	3,072	1,635	53.2	1,066	65.2
Ohio	8,376	1,123	13.4	947	84.3
Oklahoma	2,540	958	37.7	621	64.8
Oregon	8,161	2,132	26.1	1,143	53.6
Pennsylvania	8,653	4,439	51.3	3,553	80.0
Rhode Island	552	167	30.3	115	68.9
South Carolina	4,374	---	---	---	---
South Dakota	1,080	890	82.4	576	64.7
Tennessee	11,720	2,693	23.0	2,141	79.5
Texas	33,778	6,846	20.3	4,455	65.1
Utah	5,882	1,630	27.7	251	15.4
Vermont	537	270	50.3	183	67.8
Virginia	6,915	2,350	34.0	1,413	60.1
Washington	89,016	4,821	5.4	1,909	39.6
West Virginia	2,035	684	33.6	352	51.5
Wisconsin	17,243	5,389	31.3	3,092	57.4
Wyoming	922	222	24.1	99	44.6
Dist. of Columbia	991	323	32.6	243	75.2
Guam	83	44	53.0	---	---
Puerto Rico	3,729	---	---	---	---
Virgin Islands 4/					

1/ Percentage of number of completions placed in field for which trained or related field, Oct. 15, 1969.
2/ South Carolina and Puerto Rico not included.
3/ New York, South Carolina, and Puerto Rico not included.
4/ Data not available.

Table XIII. STATUS [1] OF PERSONS COMPLETING POSTSECONDARY VOCATIONAL EDUCATION PROGRAMS, FY 1969

State	Of the Total Number Completing Program Requirements		Of the Number Available for Placement	
	Percent Continuing in Full-Time School	Percent Available for Placement	Percent Placed in Field Trained/Related [2]	Percent Unemployed
Total	8.0	64.9	89.0	2.9
Alabama	4.2	81.0	92.3	2.0
Alaska	--	83.4	94.4	5.6
Arizona	8.3	40.4	63.0	4.8
Arkansas	7.9	70.5	87.0	1.6
California	9.9	66.6	88.2	3.7
Colorado	17.9	67.0	86.4	1.5
Connecticut	22.5	66.4	93.8	1.3
Delaware	1.7	85.6	93.5	2.6
Florida	12.1	64.5	86.3	5.3
Georgia	1.9	22.7	90.1	1.9
Hawaii	6.3	68.8	91.4	2.3
Idaho	6.9	79.2	91.8	0.9
Illinois	9.1	34.8	92.1	1.5
Indiana	7.1	83.7	87.1	0.5
Iowa	1.8	54.4	82.8	3.2
Kansas	1.5	57.3	84.7	4.0
Kentucky	5.7	72.7	91.5	1.7
Louisiana	3.1	87.0	94.1	2.7
Maine	9.0	69.5	94.8	0.8
Maryland	1.4	59.4	92.4	0.3
Massachusetts	13.8	58.2	81.0	5.7
Michigan	7.8	33.3	92.4	2.1
Minnesota	6.1	79.5	88.2	2.9
Mississippi	11.5	72.6	91.4	1.8
Missouri	5.5	80.8	92.1	1.6
Montana	27.7	53.7	86.7	1.3
Nebraska	6.1	80.4	98.6	0.3
Nevada	1.1	94.4	96.2	--
New Hampshire	11.9	68.8	95.8	3.3
New Jersey	6.7	84.9	80.7	1.1
New Mexico	3.3	90.1	82.9	1.2
New York [3]				
North Carolina	3.4	76.4	93.5	1.6
North Dakota	19.8	66.9	97.5	0.8
Ohio	4.9	87.0	96.9	0.1
Oklahoma	20.5	69.1	93.8	0.8
Oregon	5.1	59.1	90.6	1.4
Pennsylvania	5.5	85.3	93.7	--
Rhode Island	9.0	74.0	92.7	--
South Carolina [3]				
South Dakota	16.2	73.5	87.9	8.2
Tennessee	7.1	83.9	94.7	1.3
Texas	15.6	67.4	96.5	0.7
Utah	8.2	25.5	60.5	12.5
Vermont	4.1	69.6	97.3	1.6
Virginia	14.3	64.5	93.3	1.5
Washington	9.9	51.8	76.5	9.1
West Virginia	9.5	58.0	88.6	3.3
Wisconsin	9.0	66.5	86.3	4.0
Wyoming	11.3	56.8	78.6	7.1
Dist. of Columbia	15.5	83.6	90.0	0.4
Guam [3]				
Puerto Rico [3]				
Virgin Islands [3]				

1/ As of Oct. 15, 1969.
2/ Not included are persons employed full time in other occupations and those employed part time.
3/ Data not available.

Table XIV. EXPENDITURES FOR POSTSECONDARY VOCATIONAL EDUCATION INSTRUCTION PER ENROLLEE, COMPLETION, AND PLACEMENT, FY 1969

State	Expenditures For Instruction 1/	Expenditures Per Enrollee	Expenditures Per Person Completing Program	Expenditures Per Person Placed 2/
Total	$249,903,719	$ 354	$1,253 3/	$2,128 4/
Alabama	8,378,791	582	2,308	3,086
Alaska	378,677	1,250	1,962	2,491
Arizona	1,758,986	249	1,422	5,584
Arkansas	2,356,211	403	942	1,537
California	26,141,562	175	340	917
Colorado	2,496,493	198	564	974
Connecticut	2,285,704	415	1,481	2,378
Delaware	181,494	945	1,008	1,260
Florida	10,476,020	125	801	1,439
Georgia	6,807,682	467	1,302	6,368
Hawaii	1,840,402	666	1,839	2,921
Idaho	1,337,634	731	1,520	2,123
Illinois	7,479,150	311	1,407	4,387
Indiana	1,796,921	458	1,040	1,428
Iowa	7,828,352	1,187	1,834	4,073
Kansas	2,479,446	631	1,235	2,548
Kentucky	3,907,429	617	2,294	3,449
Louisiana	4,239,682	260	1,687	2,061
Maine	1,400,778	893	1,736	2,633
Maryland	3,379,450	541	3,326	6,056
Massachusetts	2,381,410	346	1,426	3,026
Michigan	8,415,954	373	1,331	4,320
Minnesota	7,235,306	559	1,066	1,520
Mississippi	2,031,215	356	1,006	1,516
Missouri	2,948,050	354	1,620	2,176
Montana	683,250	328	1,529	2,733
Nebraska	1,393,204	500	1,445	1,824
Nevada	527,853	485	1,192	1,313
New Hampshire	1,306,153	981	2,497	3,786
New Jersey	737,166	383	1,006	1,468
New Mexico	1,403,992	281	384	514
New York	36,881,883	876	1,407	---
North Carolina	7,317,978	444	1,726	2,416
North Dakota	1,801,791	587	1,102	1,690
Ohio	4,013,147	479	3,574	4,238
Oklahoma	1,852,728	729	1,934	2,983
Oregon	4,303,568	527	2,019	3,765
Pennsylvania	11,327,889	1,309	2,552	3,188
Rhode Island	414,660	751	2,483	3,606
South Carolina	4,109,343	939	---	---
South Dakota	746,269	691	839	1,296
Tennessee	4,830,619	412	1,794	2,256
Texas	6,596,543	195	964	1,481
Utah	2,167,640	369	1,330	8,636
Vermont	562,828	1,048	2,085	3,076
Virginia	3,424,584	495	1,457	2,424
Washington	7,514,209	84	1,559	3,936
West Virginia 5/	369,287	181	540	1,049
Wisconsin	22,430,123	1,301	4,162	7,254
Wyoming	344,438	374	1,552	3,479
Dist. of Columbia	300,064	303	929	1,235
Guam	27,808	335	632	---
Puerto Rico	2,551,903	684	---	---

1/ Instructional expenditures do not include equipment, construction, or ancillary services.
2/ Persons placed in field for which trained or in a related field.
3/ South Carolina and Puerto Rico not included.
4/ New York, South Carolina, Guam, and Puerto Rico not included.
5/ Expenditures estimated.